

TEST PLAN WORKSHEET

PROGRAM DEPUTY APPROVAL	COMPLETION INFORMATION
n Deputy Signoff: Date:	Completion Date: Crew Chief Signoff:
on Date (max. 90 days from approval):	Comments (partial completion, etc.):
ation Required? yes no Operations Review	
Test Plan Title: Modified DRVH set to Gain dients in a few Modules	Beam Ops Experience with Higher Gra
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Date Submitted: 9/20/96	
Revision Number: Rev. 1, (9/19/96)	
Brief Purpose of Test	
at higher gradient during normal beam ope pressing gradients in other cavities. This te mum gradients during normal operations b zones 13–19 to 4.4MV/m. It will also perm tion of NL02-NL11, including the zone where the last down, NL03. Anticipated Benefits	est will allow NL12 to run at near maxi- by artificially lowering DRVH values for nit modest, but somewhat higher opera-
Smoother evolution to higher energies by l ents during beam operations and demonstraprocessing.	
Beam Conditions Required	
REQUIRED INFORMATION: CW or pulsed beam? point (i.e., 45 MEV dump, N. Stub dump, BSY dump	
Normal ops, CW or pulsed, any current < 1	150μA total.
Test is expected to be transparent to operat file and re LEM.	ions after installation of BURT DRVH
Time Required	
2 hour minimum, including backout time s	
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1 month preferred - till higher currents are	-

At a time when reLEMing is needed anyway.

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Staff Required to Execute the Test (including contact info)

normal operations staff

Controlled Access Requirements

none

Hardware and/or Software Changes Required

NOTE: If software changes are part of the test plan, include the name of the application, the old revision level, the new revision level, and if applicable, whether or not it is possible to roll back to the old revision level (are there hardware limitations, etc.).

download BURT file: drvh_150_cr.snap to replace drvh_150.snap

Setup Procedure

- 1. download BURT file: drvh_150_cr.snap to replace drvh_150.snap
- 2. re LEM

Test Procedure

- 1. Proceed with normal operations
- 2. If cavity SOSing or faults occur, treat normally, if they are excessive to the point

Backout Procedure

- 1. download BURT file: drvh_150.snap to replace drvh_150_cr.snap
- **2.** re LEM

Test Results

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